

ABSTRACT

The present invention relates to a HDMI connector comprising of an insulated housing, a metallic housing and a contact terminal unit. The insulated housing is standardized but the metallic housing and the contact terminal unit are modified and combined with the insulated housing to form the HDMI connector of the present invention. The metallic housing is modified to have a flange or no flange and to have vertical insertion type pins or horizontal SMT type pins, and the terminal contact unit attached thereto. The terminal unit is modified to have spikes whose rear ends are either bent and flattened to form horizontal SMT type terminal solder pins or to have spikes whose rear ends are not bent and not flattened to form vertical insertion type pins.

The present invention is comprised of four metallic housing modules, a single insulated housing module and two contact terminal units modules, which enhances flexibility and swiftness during the assembling process, reduces the need to stockpile materials and promotes mobility of the product variation along the assembly line due the presence of interchangeable components.

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